MT CURRICULUM GUIDE M 5
Objective: Depth perception is altered when another vehicle is moving

INGREDIENTS

- 2 match box cars
- File folder
- String
- Soda can

Created by Fred Mottola, *Zone Control*

INSTRUCTIONS

- Cut a 4 inch square \window in the front flap of the file folder.
- The bottom edge of the window should be at the fold and the window should be in the middle of the folder.
- Tape the back of the folder to a table or desk.
- Lift up the front of the folder and place a soda can on the back of the folder to make the front stay up.
- Attach a piece of string that is double the length of the table to the front of one of the cars.
- Attach a piece of string that is double the length of the table to the back of the same car.
- Place the car with the string on the file folder, one foot behind the window, and facing away from you.
- Run the front string forward , under the table and back to your side of the table. You will use the strings to move the car forward and backward.
- Place the other car next to the window.
- Have a student look through the file folder window.
- Have the student tell you when the two cars are aligned.
- Move the car toward the window and past the stationary car.
- Ask the student to close one eye and repeat the activity.

Ask students what effect this has on

MT CURRICULUM GUIDE M5
Objective: Locating three visual fields

INGREDIENTS

Student's hands and arms!

INSTRUCTIONS

Ask class to hold their two index fingers out in front of them, fingernails together facing toward them.

Point out they should be able to clearly identify their fingernails. Are they long, short, polished? Keep looking at them. This is your central vision. It is about 3-5 degree cone of vision.

Now keep looking at that space where your nails are but move your hands apart very slowly - STOP! Notice how you can't identify your nails but you can see they are there. This is your fringe vision, which is about 30-45 degrees on either side of central vision.

Now move your hands all the way to your sides until you can't see your fingers anymore. This represents your peripheral vision.

Peripheral vision is important because it can pick up motion and light